

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
11 December 2003 (11.12.2003)

PCT

(10) International Publication Number
WO 03/101281 A2

- (51) International Patent Classification⁷: **A61B**
- (21) International Application Number: PCT/US03/17271
- (22) International Filing Date: 3 June 2003 (03.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/384,973 3 June 2002 (03.06.2002) US
- (71) Applicant (for all designated States except US): **UAB RESEARCH FOUNDATION** [US/US]; 1530 3rd Avenue South, AB-1120G, Birmingham, AL 35294-0111 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MEYTHALER, Jay, M.** [US/US]; 1811 Catala Road, Birmingham, AL 35216 (US). **FISHER, Winfield, S.** [US/US]; 3829 Cove Drive, Birmingham, AL 35213 (US).
- (74) Agents: **GOGEN, Ellen, S.** et al.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Ave., Ste. 400, Birmingham, MI 48009 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR REDUCING OBSTRUCTIVE HYDROCEPHALUS

(57) Abstract: A process for reducing cerebrospinal fluid flow obstruction includes the administration of a therapeutic dose of a clot-reducing agent to a subject having preconditions or obstructive hydrocephalus symptoms. The dose is maintained within the subject for a period of time sufficient to reduce cerebrospinal fluid flow obstruction. The clot-reducing agent includes a plasminogen activator, a defibrinogenic agent, an anticoagulant, a platelet inhibitor and a combination thereof. A commercial kit is provided, containing a clot-reducing agent, an administering apparatus, together with instructions for use of the kit.

WO 03/101281 A2